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INTELLECTUAL PROPERTY LAW

APR 13 2005

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**FACSIMILE TRANSMITTAL SHEET**

<b>TO:</b>	<b>FROM:</b>
MAIL STOP AMENDMENT	Kenneth F. Smolik
<b>COMPANY:</b>	<b>DATE:</b>
USPTO	April 13, 2005
<b>FAX NO.:</b>	<b>TOTAL NO. OF PAGES:</b> (including cover sheet)
(703) 872-9306	16
<b>YOUR REFERENCE NO.:</b>	<b>OUR REFERENCE (C/M) NO.:</b>
10/808,117	006301.00002
<b>RE:</b> In re: Appn. Of Donald Lee Gunter Appn. No. 10/808,117 Filed: March 24, 2004 For: Filtered Backprojection Algorithms for Compton Cameras in Nuclear Medicine	

**OFFICIAL FAX**

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**COMMENTS:****AMENDMENT**

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FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages In This Submission

15

Application Number	10/808,117
Filing Date	03/24/04
First Named Inventor	Donald Lee Gunter
Art Unit	2878
Examiner Name	Gagliardi, Albert J.

Attorney Docket Number

006301.00002

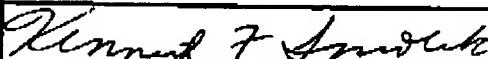
**ENCLOSURES (check all that apply)**

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<input checked="" type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Banner &amp; Witcoff, LTD.

Signature 

Printed Name Kenneth F. Smolik

Date 04/13/2005 Reg. No. 44,344

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Typed or printed name Rafael Perez

Date 4/13/05

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APR 13 2005

## PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Attorney Docket No. 006301.00002

In the Application of Donald Lee Gunter )  
Application No. 10/808,117 ) Examiner: Gagliardi, Albert J  
Filed: March 24, 2004 ) Art Unit: 2878  
For: FILTERED BACKPROJECTION ) Confirmation No. 4509  
ALGORITHMS FOR COMPTON CAMERAS IN )  
NUCLEAR MEDICINE )

AMENDMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Amendment is responsive to the non-final Office Action mailed February 3, 2005. The Examiner set a three-month period for response, thus making this response due on or before May 3, 2005. It is believed there is no fee due in connection with this filing. If a fee is due, the Office is authorized to charge any fees to Deposit Account No. 19-0733.

The Amendment section begins on page 2 and the Remarks section begins on page 9.

Please amend the application as follows.